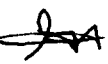


February 10, 1988

RECEIVED  
FEB 12 1988  
WATER RIGHTS  
SALT LAKE

MEMORANDUM

TO: Lee Sim, Distribution Engineer  
FROM: Gerald W. Stoker, Area Engineer   
SUBJECT: South Creek, Beaver River Distribution

I have researched our records and the water rights concerning the operation of South Creek and the South Creek (Rowland Yardley) Reservoir. We have always experienced some distribution disparities on this system but most of the time the River Commissioner has been able to satisfy the water users. In the past several years it seems to me that our River Commissioner and Rowland Yardley have not agreed on the distribution of water and it may even go outside of the water users system.

However, based on the water rights, the following is a summary of the priorities and flows pertaining to the reservoir and the adjacent water users:

1. The proposed determination of water rights list Ira Yardley (77-1168) with a 1/2 interest in 0.857 CFS out of South Creek for the irrigation of 40.40 acres. The other 1/2 interest belongs to William Roy Yardley (77-187) on the same 0.857 CFS and 40.40 acres. The priority for these 2 water user claims is 1870.
2. The South Creek "A" Water Users Association filed change applications to divert their water through the subject reservoir and the individual water user claims are 77-463, 469, 576, 719, 748, 769, 815, 816 & 970. All of these claims have a priority of 1870, except for 77-469 with an 1890 and 77-576 with a 1903. The total flow for irrigation under these claims is 5.143 CFS, of which 4.643 CFS has an 1870 date.
3. The South Creek Reservoir has a right to store 300 acre feet of water under the above numbered claims.

The diversion dam into the reservoir has a "broad-crested" weir that was to be converted into a sharp-crested weir to make it easier to read for the commissioner. We assume that this has been taken care of and a record should have been maintained on the delivery into the reservoir. To my knowledge there is no measuring device below the reservoir but there should be other devices downstream where the Yardleys divert their water.

This brief description will give you an idea of what is involved with the distribution. Most of the problem will "boil" down to the fact that there are personality differences that can never be solved but I believe the commissioner should be able to handle the problem locally. If you have any questions concerning this matter, before we meet at the annual meeting, please give me a call.

SUMMARY OF WATER RIGHTS ON SOUTH CREEK AT "SOUTH CREEK DAM", 1988

IRA YARDLEY (aka Floyd & Calvin Yardley)

77-756	Stockwatering on South Creek, supplemental
77-996	Stockwatering on South Creek, supplemental
77-1168	1/2 interest in 0.857 CFS on 40.40 acres w/187
77-1223	Stockwatering on South Creek, supplemental

WILLIAM ROY YARDLEY

77-187	1/2 interest in 0.857 CFS on 40.40 acres w/1168
77-715	Stockwatering on South Creek, supplemental
77-1234	Stockwatering on South Creek, supplemental

SOUTH CREEK "A" WATER USERS ASSOCIATION

77-463, 469, 576, 719, 748, 769, 815, 816, & 970

Storage right for 300 acre feet.

77-576 with a 1903 priority has 0.21 CFS  
77-469 with an 1890 priority has 0.29 CFS  
others with an 1870 priority has 4.643 CFS

There is also a stockwatering right for 5.0 CFS (11/1-2/28)  
The irrigation right for 5.143 CFS is used from 3/1-10/31